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CATALOGUE

OF

Holland Bulbs & Flower Roots

IMPORTED AND FOR SALE BY

R. CUMMING & CO.

SUCCESSORS TO J. KNOX,

Nurserymen, Seedsmen and Florists,

PITTSBURGH, Pa.

THE stock of Bulbs offered in this list has been selected from one of the finest stocks in Holland, and can not fail to give great satisfaction to our customers.

CULTURE OF THE HYACINTH.

Chaste, deliciously fragrant, and free-flowering—at the same time enduring the lowest degree of cold—renders the Hyacinth a universally admired favorite. It will thrive in any rich garden soil. Plant the bulbs as soon after they arrive from Holland as possible; cover them with four inches of earth. Several inches of straw placed over the bed, when there is danger of extreme frosts, will prove advantageous.

THE TREATMENT OF HYACINTHS
IN POTS AND GLASSES.

For the growth of Hyacinths, in pots prepare one-half decomposed friable turfy loam, with the remainder equal parts of well rotted manure, leaf-mold, and river sand, well incorporated together; this should, when so prepared, be used in a tolerably dry

state (free from all adhesiveness), so as to admit of a firm pressure without injury. The most favorable season for planting is *October* and onwards. The size of pots is regulated by the space or convenience for placing them; where limited, and a rich massive effect is wished for, those of six or eight inches diameter are recommended, in which three or four bulbs may be placed; but where more convenience is had, a succession of single or double bulbs in smaller pots may be admitted—two bulbs in each is very effective, and generally preferred. In potting, each bulb should remain two-thirds above the surface of the soil, and the base of each bulb should rest upon a stratum of clean river sand at about three-quarters of an inch lower than the rim of each pot, to admit of a judiciously regulated amount of water during the season of bloom. After potting, place them where intended to remain, upon a dry surface of ashes or sharp gravel, in the rotation of their intended periods of bloom (each later potting plunged beyond the previous ones), and thus arranged, water the whole well, to imbed the bulbs firmly within the soil, allowing them to remain until the bulbs and surfaces are again dry (for one or two days); then cover the whole over to the depth of six or eight inches with half-dried tan or pure leaf-mold for six or eight weeks, in which position the preparatory root-growth is made, necessary to a vigorous development of their flower-scapes. After the period adverted to, less or more, the first potted bulbs may be taken up, the soil and sediment carefully brushed off, and removed to a gentle hot-bed, or a warm genial greenhouse or forcing-pit, where, by the aid of a slight root-temperature, the bloom will progressively expand, care being taken to screen the leaf-growth made in darkness for a few days after being disembedded. When an unusually warm spring requires that the covering of tan or soil should be removed from the general stock, the various batches, or pottings, may be removed to cool-pits or frames, east or north aspect (air being admitted early in fine weather, and closed early), until required for the forcing house. A short difference of a week or fortnight between the periods of potting will produce a corresponding difference in the periods of bloom.

For culture in glasses, the bulbs should be so placed that only the base of each touches the water, the supply being given to that effect; they should then be placed within a side recess or upon a shelf, in a cool place, screened from the light, until the roots are considerably developed, before being exposed to the action of sunlight in the drawing-room window or vase. All adventitious or impure matter secreted from the water should be removed by occasionally replenishing the glasses with pure water; no injury is sustained by the operation. After the removal of the bulbs to their position for flowering, they should not be removed from it, except in the case of winter-bloomed bulbs, for the purpose of protection from frost, or chilling atmosphere by night. Rain or soft water is most conducive to their vigor. Many of the fine single-flowered varieties of Hyacinths are more effective than the double ones, and, as a general rule, the former succeed better than the latter in glasses.

HYACINTHS.

No.	One or two of a Sort.				
1	Choice assortment of	100	Hyacinths,	named	$20 00
2	"	" 100	"	named	15 00
3	"	" 100	"	unnamed	12 00
4	"	" 50	"	named	11 00
5	"	" 50	"	named	8 00
6	"	" 50	"	unnamed	7 00
7	"	" 25	"	named	6 00
8	"	" 25	"	named	5 00
9	"	" 25	"	unnamed	4 00
10	"	" 12	"	named	3 00
11	"	" 12	"	named	2 50
12	"	" 12	"	unnamed	2 00
13	"	" 12	"	all colors	2 00

Those described as late are unsuited for glasses or forcing.

DOUBLE HYACINTHS.

Proper Time of planting, October to December.

Those marked thus *, are early, and best for forcing in glasses.

DOUBLE RED.

	Each.
*Acteur	$ 25
*Alida Catharine, early and fine	25
*Alida Louisa, extra fine	30
*Belle Alliance, Black centre extra	1 00
*Bouquet Tendre	25
Comet, dark eye, superb	25
Cœur Fidele, Violet centre	25
*Eclipse, very bright and beautiful	40
Endregat, very fine	30
General Von Ziethen	30
*Lady Montague, extra	50
Louisa Carolina, splendid	50
*Madame Zoutman	25
*Maria Louisa	25
*Panorama	30
*Princess Royal, splendid	30
*Regina, Victoria, most superb	30
Neerland's Glory	50
*Sir Thomas Grey, superb	50

DOUBLE ROSE.

	Each.
*Bouquet Royal, very fine	$ 30
Comptesse de La Corte, extra	30
*Czar Nicholas, fine	30
*Grootvorst, splendid	25

DOUBLE ROSE.—Continued.

	Each.
Honneur d' Amsterdam, very late	$ 30
Gœthe	30
***Prince of Orange,** superb	1 00
Shakespeare, exquisite	1 00
***Sir Walter Scott,** early and fine	40
***Temple of Apollo,** fine	30

DOUBLE DARK BLUE.

	Each.
Albion, magnificent	$ 40
***Alexander,** splendid	50
***Buonaparte,** extra, extra	40
***Bouquet Pourpre**	25
Bride of Lammermoor, extra	25
***Directeur Van Flora**	30
General Antinck, very fine	25
***King of the Netherlands,** extra	25
Kroon van Indie, fine	30
***Laurens Koster,** splendid	75
***Lord Wellington,** fine	25
***Lord Raglan,** extra extra	50
***Othello,** fine black	40
***Prince Henry of Prussia**	30
***Robert Burns,** superb	1 00
Sir Isaac Newton, late extra	40
Tubal Cain, fine	25
Zeebergen, late, splendid	1 00

DOUBLE PORCELAIN BLUE.

	Each.
***A la Mode,** very fine	$ 25
Blocksberg, splendid	30
***Comte de St. Priest,** extra extra	40
Comte Benedick	25
***Duke de Normandy,** very fine	30
Globe Terrestre	25
***Grande Vedette**	25
***Madame Marmont,** splendid	30
Pasquin, splendid	25
Rembrandt, exquisite	50
***Richard Steel,** fine	25
***Shakespeare,** splendid	57

DOUBLE WHITE.

	Each.
***A la Mode,** beautiful	$ 25
Anna Maria, extra	25
Blanchard, extra extra	50
Comtesse de Holland, new	40
Duc de Berry, fine	30
***Duchess de Bedford**	25

DOUBLE WHITE.—Continued.

	Each
*Don Gratult, extra fine	$30
Gloria Florum, very fine	25
Grand Monarque de France	30
*Grootvorstin, large truss, fine	1 00
Heroine, splendid extra	40
Imperatrice Romaine, extra extra	1 00
*Jenny Lind, early and very fine	30
*Jeannetta, fine early	25
*Latour de Auvergne, early extra	30
La Virginite, fine	25
La Dessee, fine	25
*Minerva, extra	25
*Miss Kitty, very fine	25
Passe Virgo, splendid	25
Sceptre d'Or, exquisite	30
Triumphe Blandine, extra	25
Violet Superbe, splendid	30
*Virgo, extra fine	25

DOUBLE YELLOW.

	Each.
*Bouquet de Orange, fine	$ 30
Crœsus, fine	40
*Gœthe, splendid	25
Jaune Supreme, finest early	40
La Grandeur	30
Louis d' Or, fine	25
Ophir d' Or, late, splendid	25
William the III, new, fine	50

SINGLE HYACINTHS.

SINGLE BLACK BLUE.

	Each.
Baron Von Humboldt, superb	$ 50
*La Nuit, splendid	40
*La Plus Noire, truly black	40
*Mimoso, splendid	30
*Othello, fine	40
Prince William the I, extra	30

SINGLE DARK BLUE.

	Each.
*Americus, fine	$ 25
Bleu Mousque, fine	25
Baron Thuijll, very fine	25
Charles Dickens, extra	25
*Duke of Orleans, splendid	40
Fleur Parfait, very good	25
*Kaiser Ferdinand, splendid	25
*L'Ami du Cœur, No. 1	50

SINCLE PORCELAIN BLUE.

	Each.
*Admiral de Coligny, extra	$ 75
*Cœur Blanc, fine eye	25
*Duke of Wellington, superb	40
*Emilius, very fine and early	25
*Emperor Franz Joseph, extra	30
*General Pelissier, splendid	40
*Grand Lila, extra fine	30
*Grand Vedette, splendid	30
La Surpassante, fine	30
*Nimrod, very fine	30
*Porcelaine Sceptre, fine	25
Regulus, extra large bells	25
*Staten General, fine	25
Voltaire, extra	30

SINCLE RED.

	Each
*Agnes, splendid	$ 30
*Amie, fine	25
Appelius, extra	30
Belle Quirine, fine	25
*Chapeau Cardinal	30
*Cosmos, very splendid	60
Eldorado, extra	25
*Fireball, very bright	30
*Homerus, very early	25
*Jenny Lind, fine	25
*Lady Peel, fine new	50
*Lord Derby, splendid	40
*Madame Hoog, beautiful	60
*Mars, splendid	25
*Miss Nightingale, splendid	60
*Prima Donna, superb lustrous color	60
*Princess Alexandra, most superb	75
*Princess Anna, splendid	25
*Queen Victoria Alexandrina, a superb variety	40
Queen of Beauties, extra	50
Robert Steiger, superb	25
Satella, brilliant, splendid	30
*Souvinier, fine	25
*Von Schiller, superb	1 00

SINGLE ROSE COLORED.

	Each.
*Emilius, early, fine	$ 25
Grand Vanquer, fine large truss, new	40
*La Adorable, superb	30
*Lord Wellington	25
*Maria Theresa, large truss	25
*Minister Torbecke, most beautiful	30
*Norma, very early	25

SINGLE ROSE COLORED—Continued.	Each
*Princess Charlotte, extra	$ 50
*Queen Victoria, magnificent	60
*Sultan's Favorite, fine	25
Talma, very fine	25
Temple d' Apollon, extra	25

SINGLE WHITE.

	Each.
*Alba Maxima, most superb	$ 50
*Alba Superbissima, splendid	30
*Albion, very fine	30
*Anna Paulowna, splendid	25
*Baron Thuyl, extra large,	50
*Blanche Formidable, fine	30
*Cleopatra, beautiful	25
*Crown Princess, splendid	30
*Elfride, early	25
*Favorite Blanche	25
*Grand Blanc Imperial, fine	25
*Grandeur a Merveille, splendid	25
Grand Vedette, extra	25
Hercules, splendid, rosy shaded	25
*Koningskroon, splendid	25
*La Belle Blanchesseuse	40
*La Virginite, very fine	40
*Lord Granville	25
*Lady Havelock, superb	40
*La Candeur, very fine	25
*La Pucelle d' Orleans	25
*Mammoth, splendid	25
*Madame de Stael	30
*Madame Talleyrand	25
*Monarque du Monde, fine	25
*Miss Nightingale, superb	75
*Pavillon Blanc	30
*Premier Noble, very early	25
*Prince de Galitzin	25
*Queen Victoria, splendid	30
*Queen of the Netherlands	30
*Reine Blanche	25
*Reine de Hollande	25
*Rosseau	25
*Seraphine, superb	30
Torquato Tasso, superb	30
Themistocles, very fine	25
Vesta, splendid	25
Virgo, charming	20

SINGULAR COLORS.

	Each.
King of Holland, Nankeen, very early	$ 25
Herman, mauve, striped with rose	30
Neerland's Glory, orange mauve	25
La Singuliere, double nankeen	25

TULIPS.

Plant in October, November and December.

In ordering Tulips, it will be necessary to mention whether they are required for *pots* or for *open ground culture*, so that the most suitable selection may be made for the purpose for which they are wanted.

The most valuable class of hardy bulbs for decorative effect, in groups and beds, during the early spring months, are those which comprise the following section of early-blooming Tulips. The absence of difficulty in their culture, and their requiring no protection whatever after planting, brings them within the scope of all lovers of flowers in proportion to their allotted space for bedding or border plants, which they are admirably adapted to precede, thus coming in during the months previous to planting the summer-flowering bedding stock. The varieties enumerated are a selection from probably the largest collection in Europe, and include the most ornamental and effective kinds yet known. The colored selfs consist of the most beautiful bright scarlet, crimson, white, and yellow cups, each in their distinctive features of colors from six to eight inches in height, and in the parti-colored class, varying to diversely-colored ones of the same dwarf and diminutive stature, in snow white ground tints, striped and feathered with the richest violet and cerise crimson; these again are finely contrasted with the golden yellow ground Bizarres, flaked, banded, and feathered with the rich bronze red and crimson. The pure self and parti-colored kinds of a taller size in each class are well adapted for grouping in select borders and shrubberies. The grand effect produced by well-arranged masses of these bulbs cannot be given in descriptive terms; they must be seen to be duly appreciated. No other tribe of plants, either of early or late-blooming character, combines so much picturesque effect and so much glowing combination of color with the same neat and diminutive style of growth.

No.						
1	choice assortment	100 bulbs,	in	20 early-flower'g	varieties	$4 00
2	"	100	"	20 late	"	" 4 00
3	"	50	"	10 early	"	" 2 50
4	"	50	"	10 late	"	" 2 50
5	"	24	"	12 early	"	" 1 50
6	"	24	"	12 late	"	" 1 50
7	Mixtures for garden planting, 100 bulbs					3 50
8	" " "			choice selection (new) 100		10 00

SINGLE EARLY TULIPS.

	Each.
*__Belle Alliance__, scarlet extra	$ 15
*__Beauty Parfait__, cherry and white, splendid	15
*__Bizard Verdikt__, brilliant carmine, gold striped	5
*__Bride of Haarlem__	25
*__Camelion__, white, finely striped	10
*__Canary Bird__, golden yellow	15

SINGLE EARLY TULIPS—Continued. Each.

*Cottage Maid, striped, very pink, superb.....$ 20
*Colour Cardinal, extra brilliant, gold and crimson..... 15
Cœur de Brabant, yellow and crimson..... 15
*Dorothea Blanche de France, fine for forcing, red and white..... 20
*Duc d' Orange, orange and red..... 5
*Duc Van Tholl, red, very fine..... 10
* " " white, extra..... 25
* " " yellow..... 15
* " " rose..... 5
* " " scarlet..... 10
* " " gold laced..... 15
*Duc de Lorraine, fine red, orange bordered, extra..... 10
*Duchess de Parma, fine..... 5
Duchess of Austria, large orange, yellow flamed..... 10
Ferdinand Bol, purple and yellow..... 15
Globe de Bijant, white and purple..... 15
*La Pluie d' Or, golden yellow..... 5
*Hobbema, purple border, with white..... 10
*Pottebaker, yellow and brown..... 10
Paxalba, white..... 10
*Purple Crown, dark purple..... 10
*Queen Victoria, new rosy white..... 5
*Rose Gris de Lin, superb..... 15
*Rosa Mundi, white and rose..... 5
*Thomas Moore, fine orange..... 5
*Vermillion, very brilliant..... 25
*Wonwerman, splendid..... 25
*Wapen Van Leijden, rose-shaded white..... 6

DOUBLE TULIPS.

Each
*Admiral Kingsbergen, splendid golden yellow,..... $ 5
*Blue Flag, violet blue..... 5
*Blanc Borde, purple,..... 5
*Duc Van Tholl, red,..... 5
*Duke of York, carmine and white,..... 10
*Epaulet d' Argent, striped..... 25
* " d' Or, scarlet,..... 25
*Geele Roos, yellow rose,..... 5
*Gloria Mundi, dark violet,..... 10
*La Candeur, white extra,..... 15
*Mariage de Ma Fille, extra extra,..... 15
*Pæonyred, fine red,..... 5
*Princess Alexandra, crimson and yellow, splendid,..... 10
*Purple Crown, fine dark purple,..... 5
*Rex Rubrum, very fine,..... 10
*Rosine, splendid rose,..... 10
*Tournesol, purple and yellow,..... 10
*Titian, red gold bordered,..... 15

PARROT AND OTHER TULIPS.

	Each.
Parrot Viridiflora, large red,	$0 15
" **Admiral of Constantinople,** red,	5
" **Conuta,**	6
" **Caffebrun,** orange,	5
" **Fine Mixed,**	5
Elegans, brilliant scarlet,	15
Gesneriana, superb scarlet,	5

ARUM.

Very showy hardy plants, quite rare in American Gardens.

	Each.
Dranunculus Niger,	15
Maculatum,	15

THE CROCUS.

As one of the earliest ornaments of the flower-garden, it is a universal favorite, being neat, dwarf, and compact in growth, and varied in all the essential shades of color for producing harmony of effect, either separately or blended together. The principal adaptation of this bulb consists in its suitability for planting sufficiently near to the margin or edge of flower borders, beds, &c., as not to require removal, or in forming lines or edges entirely of such, in their relative colors.

The principal months for planting are October, November, and December, in ordinary rich garden soil, placing the bulbs about two inches deep, and four to six inches from the margin or edge, each group of six to eight or more bulbs being planted in its own relative color, or otherwise in blended varieties, as taste may prefer. These will improve in beauty for some years, if not disturbed.

To secure a succession of bloom in pots, commence early in the first-named month, with six or eight bulbs in each well drained pot, using the same rich soil about an inch deep; and thus planted, place the pots upon a surface of ashes, covering them over one inch deep with soil, tan, dry leaf-mold, or sand, until the leaves appear through the soil, when they may be removed, neatly surfaced, and the pots either placed within a pit or frame or upon a greenhouse stage for a few days, and, if required, then placed in the drawing-room stand. The later succession pots may be plunged as described within a pit or frame, and from thence at stated periods supplied to bloom in the greenhouse or drawing-room. When planted within fancy saucers or vases, in sand or chopped moss, or in a mixture of both, and prepared by cool treatment within the frame or pit for a few weeks, admit light and air freely in mild weather, and in such positions keep, but uniformly moist, applying water more freely as the growth and bloom advances.

No.	Per doz.	Per 100	No.	Per doz.	Per 100.
1 Blue,	15c.	1.00	**7 Variegated,**	15c.	1.00
2 Cloth of Gold,	15c.	1.00	**8 Versicolor,**	15c.	1.00
3 Cloth of Silver,	20c.	1.50	**9 White,**	20c.	1.50
4 Cloth of Purple,	20c.	1.50	**10 Yellow,**	20c.	1.50
5 Purple,	15c.	1.00	**11 Large Golden,**	20c.	1.50
6 Saffron,	15c.	1.00			

	Per doz.
Albion, dark violet striped,	$0 25
Alletta, superb large white and violet flamed,	75
Argus, beautiful brown violet and white,	30
Bicolor, fine lilac, white tipped,	25
Miss Beecher Stowe, best pure white,	25
General Garibaldi, extra dark purple,	30
Louis Napoleon, splendid purple and white,	30
Mont Blanc, large white,	25
Miss Mina, white violet feathered, extra,	25
Non Plus Ultra, fine blue,	25
Othello, superb dark purple,	30
Prince Albert, large brilliant purple,	30
Princess of Wales, most beautiful dark purple	40
Sir Walter Scott, splendid,	25
Sir John Franklin, dark, extra,	40
Vulcan, extra dark purple,	30
Cloth of Gold, extra fine	25
Cloth of Silver, extra fine,	30
Cloth of Purple, extra fine,	25
Speciosa, blooms in autumn,	75
Large Yellow, extra roots,	25
Saffron,	25
Versicolor,	25

CROCUS MIXTURES.

	Per doz.
All Blue and Purple,	$0 25
All White,	20
All Striped and Variegated,	25
All Colors Mixed,	25
Seedlings, very beautiful,	25

FRITTELARIA.

Possessing very striking colors. This plant looks well in groups.

	Per doz.
Meleagris, twenty-five sorts,	$2 00

CANNA.

	Each.
Crimson and Orange, large roots, very fine,	$0 25

IRIS.

	Each.
English, twenty-five superb sorts, named,	$0 10
Spanish, " " "	8
German, fifty " "	20

SNOW DROPS.

	Per doz.
Double, very fine,	$0 50
Single,	30

JONQUILS.

These are varieties of the Narcissus, and are natives of the South of Europe. They have yellow blooms, which diffuse a most powerful fragrance. They are cultivated in glasses, pots, or the open ground. As the bulbs are small, four or five roots may be planted in a five inch pot.

	Each.	Per doz.
Double Sweet-Scented, extra size bulbs,	15	$1 50
Single "	05	50

POLYANTHUS NARCISSUS.

The value of Narcissus flowers in early spring for indoor decoration should not be overlooked, as they are plants of the most easy culture, with the fragrance of the Jonquils, and grown in pots may be forced early. The Double Roman is very suitable for early bloom, producing a succession of flowers throughout the spring; they may also be grown in glasses like Hyacinth—two, three or four bulbs should be planted in one pot, if masses of flowers are desired.

	Each.
Grand Soleil d' Or,	$0 5
Bazelman, Minor, extra,	10
Demo Clitus, extra,	10
Gloriosa Superba, fine,	10
Grand Monarque, large,	10
Etoile d'Or,	10
Grootvorst,	10
Staaten General,	6
Biflorus,	5
Poeticus,	5
Trumpet Major,	5
Trumpet Sulphur,	5

DOUBLE NARCISSUS.

	Each.
White Sweet Scented,	$0 10
L'incomparable,	5
Orange Phœnix,	5
Silver,	5
Van Lion,	5

GLADIOLUS.

The several sections of this tribe, in their hardy and half-hardy divisions, constitute one of the finest features of the flower garden during the late summer and autumn months. Their neat, erect, graceful style of growth, and adaptation to common soils and mixtures, render them fitted to impart a very gorgeous and telling effect to gardens on the most select or extensive scale, and they are moreover specially suited for pot culture.

In growing Gladioli, of various sections, it is important that the ground shall have been previously deeply dug and lightened some time before planting, especially in gardens defectively drained or on level sights, as the most obvious means of averting the injury arising from excessive moisture during heavy rain, or wet seasons generally. It is also advisable to change the place of their growth each year to the adjoining beds alternately, not returning to the previous ones until the third season hence.

In planting, the smaller bulbs should be covered from one and a half to two inches, and the largest about three inches. In very retentive heavy soils the bed or clump may be advantageously raised two or three inches above the level, by stone margins or other material, according to taste.

While excessive moisture is well known to be injurious to bulbs generally, yet, in continuous dry weather, water should be applied, and freely so, at intervals, if the season requires it.

The manuring of ground for bulbs, as a general rule, should be done in the interval seasons of rest, or change to the growth of plants, the benefit from which would be received by the bulbs in each season, or a removal to alternate beds.

	Each.	Doz.
Brenchleyenses, very showy,	10	50
Cardinalis, Scarlet,	10	75
" **Roseus,** profuse and early bloomer, very beautiful,	10	50
Floribundus, fine,	10	50
La Singuliere, brilliant purple with carmine feather, very attractive,	10	50
Formosissimus, brilliant scarlet,	10	55
Non Plus Ultra, one of the finest	10	70
Queen Victoria, very fine,	10	70
Tristis, green sweet scented,	15	1 05

CALADIUM ESCULENTUM.

A grand foliaged plant, producing a showy effect when planted on the margin of water, or in groups on a grassy plot. Strong roots, each 50c., per dozen, $4.50.

LILIUMS.

The species adapted for the most general effect in flower gardens, conservatories, &c., may be referred to as follows:—

L. Auratum: this species is one of the most beautiful of Lilies; its mature growth attains to 4 or 6 ft. in height, but blooms generally by pot culture 2 to 3 ft., the flowers being produced in wide panicled racemes, as in the well known *L. lancifolium* (*speciosum*).

L. candidum is the well-known white hardy garden Lily, from 4 to 5 ft in height, with large racemes of snow white fragrant blossoms, suitable for large central groups in beds or arboretums.

L. chalcedonicum, as the true scarlet Martagon Lily, is also adapted for shrubberies and arboretums, rising 4 to 5 ft. in height, with large terminal open panicles of brilliantly colored recurved blossoms.

L. longiflorum is the large and beautiful snow white, trumpet-flowered fragrant hardy species, from 12 to 18 in. in height, admirably adapted for bedding or large store specimen pots for greenhouse and conservatory decoration.

L. eximium, is of a similar outline to the last one, but is of a larger growth, somewhat taller, often producing larger racemes of bloom with flowers of wide expansion, equally hardy, but more conspicuous from its larger growth, and highly valuable for the similar object of conservatory decoration.

L. speciosum and its varieties are amongst the most splendid of all Lilies for interior decoration in cool plant houses during the late summer and autumn months, the different varieties varying from self white to rosy blush, and rich crimson spots on snow white ground color.

L. canadense and *superbum pyramidale* succeed best in a bed of peat or heat soil; and where that is not attainable, equal portions of half-decomposed leaf-mold, wood ashes, and decayed branches, thoroughly mixed with river sand to one-third of the whole portions, is a good substitute. In planting, cover each bulb with a clean stratum or layer of the last-named material.

L. giganteum, *G. cordifolium*, and *japonicum*, are not as yet proved strictly hardy, and therefore would be best potted after the blooming season, and preserved in a cold pit or frame to be again replanted out in spring. Where this precaution is inconvenient, the surface pots of these kinds in the beds should be covered with a heavy layer of dried tan, wood ashes, or sawdust. The remaining kinds are recognized as hardy species, and will thrive in good sandy loam, or a mixture of loam and peat.

To aid amateur cultivators in forming selections from this noble genus, the following divisions will be of use:—

L. bulbiferum and its varieties, *aurantiacum*, *atrosanguineum* and its varieties, *Dauricum*, *Kamtschatkense*, *Thunbergianum*, and *venustum*, produce open cup or saucer-like formed flowers, after the form of the well known Orange Lily.

L. canadense, *Chalcedonicum*, *Colchicum Martagon*, *Pomponium*, *P. aurantiacum*, *superbum pyramidale*, and *Tenuifolium* are species with the turbunate or Turk's-cap formed flowers, like the well known Martagon Lily.

L. giganteum, *G. cordifolium*, and *Thompsonianum* are flowers of a drooping bell-shaped outline.

L. speciosum and its varieties, and *tigrinum*, are the large spreading turbinate or Turk's-cap, well distinguished by the fine varieties of *L. lancifolium* (*speciosum*).

L. candidum and its varieties are the much admired common White Garden Lilies in their varieties.

	Each.	Doz.
Auratum,	$ 1 00	$10 00
Candidum, single,	15	1 50
" double,	30	3 00
" spotted (maculatum),	30	3 00
" speciosum,	40	3 50
Camschatkens, orange,	40	3 50
Croceum,	30	3 00
Excelsum, (nankeen),	40	3 50
Eximium,	75	6 00
Lancifoleum, **Album**, white (Japan),	50	5 00
" **Punctatum**,	50	5 00
" **Speciosum**, (dark red),	40	3 50
" **Roseum**,	20	2 00
" **Monstrosum**, (white),	50	5 00
Longiflorum,	20	2 00
Martagon, purple,	20	2 00
" orange and yellow,	25	2 50
Perenalcum, yellow fine,	25	2 50
Superbum, (canadense),	25	2 50
Tigrinum,	10	1 00
Umbellatum, 4 named sorts, choice,	30	3 00

DOUBLE RANUNCULUS.

The Ranunculus, of a symmetry of form and brilliancy of color, is unsurpased, possessing all the varieties and hues which are recognized amongst flowers. Plant in good rich deep garden soil. It requires careful treatment, and should be covered with a heavy layer of tan or leaves as a protection from frost. They can be grown in pots in the house or green-house.

		Each.	Doz.
Turban,	black	5	50
"	golden,	5	50
"	orange,	5	50
"	carmine,	10	75
"	scarlet,	5	50
"	spotted,	5	50
"	yellow,	5	50
"	white,	10	75

DOUBLE ANEMONES.

Very handsome and showy. Treat same as Ranunculus.

	Each.	Doz.
25 finest named sorts,	10	75

CROWN IMPERIALS.

A very showy, hardy plant. Once planted in common garden soil, it requires no further attention. Plant in September or October. They will not keep long out of ground.

		Each.
Double,	yellow,	$ 1 00
"	red,	75
Single,	yellow,	75
Silver,	striped,	1 00
Gold	"	50
Crown upon Crown,		25
Aurora,	light orange,	30
Sulphurine,	orange dark striped,	50

LILY OF THE VALLEY.

The exquisite fragrance and delicate beauty of this simple flower is so well known as to require no description.
30 cents each. $3.00 per doz.